

APPENDIX B – AIR QUALITY

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METEOROLOGICAL DATA FOR TRACY (1997-1999)

TURBINE VENDOR DATA

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BUILDING WAKE EFFECTS (BPIP Output File)

OPERATIONAL IMPACT MODELING FILES

REFINED MODELING PARAMETERS

CO

Source Group Identification

1-Hour	1H_CO ¹
1-Hour	EGEN_1 ²
8-Hour	8H_CO ¹
8-Hour	EGEN_8 ²

¹ Includes start-up

² Includes emergency generator, but no start-up

NO₂

Source Group Identification

1-Hour	1H_NOX¹
1-Hour	EGEN_1²
Annual	ALL_ANN

¹ **Includes start-up**

² **Includes emergency generator, but no start-up**

PM₁₀

Source Group Identification

24-Hour	24H_PM10¹
24-Hour	EGEN_24²
Annual	ALL_ANN

¹ **Includes start-up**

² **Includes emergency generator, but no start-up**

SO₂

Source Group Identification

1-Hour	1H_SO2¹
1-Hour	EGEN_1²
3-Hour	3H_SO2¹
3-Hour	EGEN_3²
24-Hour	24H_SO2¹
24-Hour	EGEN_24²
Annual	ALL_ANN

¹ Includes start-up

² Includes emergency generator, but no start-up

CONSTRUCTION EMISSION CALCULATIONS

CONSTRUCTION IMPACTS MODELING FILES

1 & 8-HOUR CO

8-HOUR CO

1-HOUR NO₂

ANNUAL NO₂

24-HOUR PM₁₀

ANNUAL PM₁₀

1 & 3-HOUR SO₂

3-HOUR SO₂

24-HOUR SO₂

ANNUAL SO₂

TURBINE COMMISSIONING IMPACTS MODELING FILES

1 & 8-HOUR CO

1-HOUR NO₂

CUMULATIVE MODELING SOURCE EMISSIONS

CUMULATIVE IMPACTS MODELING FILES

1-HOUR CO

8-HOUR CO

1-HOUR NO₂

ANNUAL NO₂

24-HOUR PM₁₀

ANNUAL PM₁₀

1-HOUR SO₂

3-HOUR SO₂

24-HOUR SO₂

ANNUAL SO₂

**SJVUAPCD AUTHORITY TO CONSTRUCT PERMIT APPLICATION FORMS
FOR GWF TRACY**

EMISSION OFFSET CALCULATIONS